



#8/B
12/27/02
Docket No.: 1076.1023D2
fw

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Hiroko MURAKAMI et al.

Serial No. 10/023,769 ✓

Group Art Unit: 2651 ✓

Confirmation No. 4629

Filed: December 21, 2001 ✓

Examiner: R. N. Holder ✓

For: SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE ✓

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

DEC 23 2002

Sir:

Technology Center 2600

This is in response to the Office Action mailed September 19, 2002, and having a period for response set to expire on December 19, 2002.

The following amendments and remarks are respectfully submitted. Reconsideration of the claims is respectfully requested.

IN THE CLAIMS:

Please REPLACE claims 25-31, 34, and 35 and ADD new claims 51-65 in accordance with the following:

25 (ONCE AMENDED) A circuit suitable for canceling an offset voltage of an A/D converter that converts an analog signal to a digital signal, said circuit comprising:

a comparator receiving said digital signal and determining whether said digital signal is within a predetermined offset value range, which defines allowable offset values, to output a comparison result;

an arithmetic operation unit, connected to said comparator, accumulating an offset change amount and outputting an addition result based on said comparison result; and

an offset voltage generator, connected to said arithmetic operation unit, generating an offset cancel voltage in order to cancel said offset voltage in accordance with said addition result



2651\$

S&H Form: (10/01)

REPLY/AMENDMENT FEE TRANSMITTAL	Attorney Docket No.	1076.1023D2	
	Application Number	10/023,769	
	Filing Date	December 21, 2001	
	First Named Inventor	Hiroko MURAKAMI et al.	
	Group Art Unit	2651	
AMOUNT ENCLOSED	\$240.00	Examiner Name	Holder, R. N.

FEE CALCULATION (fees effective 10/01/01)

CLAIMS AS AMENDED	Claims Remaining After Amendment	Highest Number Previously Paid For	Number Extra	Rate	Calculations
TOTAL CLAIMS	24	- 20 =	4	X \$ 18.00 =	\$ 72.00
INDEPENDENT CLAIMS	11	- 9 =	2	X \$ 84.00 =	168.00

Since an Official Action set an original due date of December 19, 2002, petition is hereby made for an extension to cover the date this reply is filed for which the requisite fee is enclosed (1 month (\$110); 2 months (\$400); 3 months (\$920); 4 months (\$1,440); 5 months (\$1,960)):

If Notice of Appeal is enclosed, add (\$320)

If Statutory Disclaimer under Rule 20(d) is enclosed, add fee (\$110)

Total of above Calculations =

\$ 240.00

Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28)

TOTAL FEES DUE =

\$ 240.00

(1) If entry (1) is less than entry (2), entry (3) is "0".

(2) If entry (2) is less than 20, change entry (2) to "20".

(4) If entry (4) is less than entry (5), entry (6) is "0".

(5) If entry (5) is less than 3, change entry (5) to "3".

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METHOD OF PAYMENT

- ☒ Check enclosed as payment. **Technology Center 2600**
- ☐ Charge "TOTAL FEES DUE" to the Deposit Account No. below.
- ☐ No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).

GENERAL AUTHORIZATION

- ☒ If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:
- | | |
|----------------------|--------------------|
| Deposit Account No. | 19-3935 |
| Deposit Account Name | STAAS & HALSEY LLP |
- ☒ The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY LLP

Typed Name	Derrick L. Fields	Reg. No.	50,133
Signature	<i>Derrick L. Fields</i>	Date	<i>December 19, 2002</i>

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